AMENDMENT

Amendments to the Claims

1. (currently amended) An anastomosis device for forming an anastomosis between two gastrointestinal tissue lumens of a gastrointestinal tract, comprising:

a proximal ring;

a distal ring;

a plurality of proximal arms each attached to the proximal ring at one end and having a distally directed other end;

a plurality of distal arms attached to the distal ring at one end and having a proximally directed other end;

a center portion coupling the proximal end of each distal arm to the distal end of each proximal arm; and

a latching mechanism operably configured to lock at a reduced longitudinal spacing two selected from a group consisting of the proximal ring, the distal ring, and the center portion;

wherein at least a portion of the anastomosis device ~~comprises~~ consists of a polymer biofragmentable material sufficient to facilitating fragmentation of the entire anastomosis device into fragments small enough for disengagement from the two tissue lumens and elimination through the gastrointestinal tract and forms a cylindrical shape when unactuated and wherein the proximal and distal arms each outwardly extend when actuated to form a rivet shape.

2. (Original) The anastomosis device of claim 1, wherein the center portion comprises a center ring aligned and interposed between the proximal and distal rings.

3. (Original) The anastomosis device of claim 2, wherein the proximal arms are radially aligned with the distal arms.

4. (Original) The anastomosis device of claim 2, wherein the proximal arms are radially staggered with the distal arms to form a tortuous path of apposed tissue.

5. (Original) The anastomosis device of claim 1, further comprising radiopaque target material.

6. – 7. (canceled)

8. (Original) The anastomosis device of claim 1, wherein the device is formed from sheet material, cylindrically formed onto a mandrel, and opposing longitudinal edges attaches one to another.

9. (Original) The anastomosis device of claim 1, wherein the latching mechanism comprises at least one interiorly disposed hook.

10. (Original) The anastomosis device of claim 1, wherein the latching mechanism comprises an interference fit formed between rings.

11. (Original) The anastomosis device of claim 1, wherein the proximal and distal arms each include a hinge.

12. (Original) The anastomosis device of claim 11, wherein the central disposed hinge of each arm defines an inner arm segment and an outer arm segment, further comprising a pad outwardly disposed on each inner arm segment.

13. – 32. (canceled)

33. (new) The anastomosis device of claim 1, wherein the anastomosis device consists of bioframentable material.